

Claims

60 1. A method of migrating subscriber data associated with a plurality of subscriber identities from a first Home Location Register (HLR) node to a second HLR node, said HLR nodes being connected by a fixed network, the method comprising the steps of:

sequentially for each subscriber to be migrated transferring active subscriber data associated with said identity from said first node to said second node.

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2. A method as claimed in claim 1 comprising the further step of:
implementing a diversion function such that subscriber data update and request transactions addressed for a subscriber identity arriving at one said node where the subscriber data is not active are forwarded to the other node.

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3. A method as claimed in claim 2 wherein the diversion function is implemented such that subscriber data update and request transactions addressed for a subscriber identity arriving at said second node are diverted to said first node if said subscriber identity and associated subscriber data is not active in said second node;

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and wherein subscriber data update and request transactions addressed for said first node are re-routed by said network to said second node.

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4. A method as claimed in claim 2 wherein said transfer comprises:
changing the state of said subscriber data in said first HLR from active;
copying said subscriber data from said first to said second HLR;
deleting said subscriber data from said first HLR; and
changing the state of said subscriber data in said second HLR to active.

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5. A method as claimed in claim 1 wherein said HLR nodes are arranged into a mated pair such that said active subscriber data is distributed across said nodes and wherein each node comprises a diversion function such that

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subscriber data update and request transactions addressed for a subscriber identity arriving at one said HLR node where the subscriber data is not active are forwarded to the other said HLR node.

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6. A method as claimed in claim 5 wherein said transfer comprises:
changing the state of said subscriber data in said first node from active to standby and changing the state of said subscriber data in said second node from standby to active.

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7. A method as claimed in claim 5 wherein said transfer comprises the steps of:
disable said subscriber data in said first node;
copy said subscriber data from said first node to said second node;
enable said subscriber data in said second node.

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8. A method as claimed in claim 7 wherein said disable step comprises changing the state of said subscriber data in said first node from active to standby.

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9. A method as claimed in claim 7 wherein said enable step comprises changing the state of said subscriber data in said second node from standby to active.

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10. A method as claimed in claim 5 wherein subscriber data update and request transactions addressed for said first HLR are re-routed by said network to said second HLR.

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